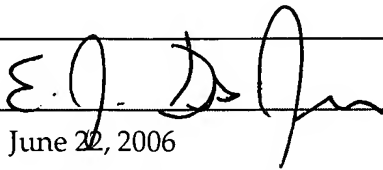



<h1>TRANSMITTAL FORM</h1> <p>(to be used for all correspondence after initial filing)</p>	Application Number	10/563,656	
	Filing Date	January 5, 2006	
	First Named Inventor	J. Christopher Anderson	
	Group Art Unit	Unassigned	
	Examiner Name	Unassigned	
Total Number of Pages in This Submission	16	Attorney Docket Number	54A-000510US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input checked="" type="checkbox"/> Response to Missing Parts/Incomplete Application <input checked="" type="checkbox"/> Copy of Notice of Missing Requirements	<input checked="" type="checkbox"/> Copy of Executed Assignment-Not for Recordation <input checked="" type="checkbox"/> Executed Declaration <input type="checkbox"/> Drawings <input type="checkbox"/> Letter to Official Draftsperson <input type="checkbox"/> Substitute Specification <input checked="" type="checkbox"/> Executed Power of Attorney and 3.73b Certificate <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Small Entity Statement <input type="checkbox"/> Request for Refund	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Additional Enclosure(s) (please identify below): receipt acknowledgment postcard
Authorization to Charge Deposit Account Please charge Deposit Account No. 50-0893 for any additional fees associated with this paper or during the pendency of this application, including any extensions of time for consideration of the documents enclosed.		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Edward J. DesJardins, Ph.D., Reg. No. 51,162, Quine Intellectual Property Law Group P.C.
Signature	
Date	June 22, 2006

CERTIFICATE OF MAILING			
I hereby certify that this correspondence is being facsimile transmitted with the United States Postal Service to the USPTO via Express Mail No. EV 264209295 US addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Deborah Berwick		
Signature		Date	June 22, 2006

Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <h1 style="margin: 0;">FEE TRANSMITTAL</h1> <h2 style="margin: 0;">For FY 2005</h2>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/563,656
		Filing Date	January 5, 2006
		First Named Inventor	J. Christopher Anderson
		Examiner Name	Unassigned
		Art Unit	Unassigned
TOTAL AMOUNT OF PAYMENT (\$)		130.00	
		Attorney Docket No.	54A-000510US

METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☒ Other (please identify): Deposit Account
☒ Deposit Account Deposit Account Number: 50-0893 Deposit Account Name: Quine Intellectual Property Law Group, P.C.

For the above identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee
☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	Fee (\$)	<u>Small Entity</u> Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	<u>Small Entity</u> Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180
<u>Total Claims</u>		
<u>Extra Claims</u>		
<u>Fee (\$)</u>		
<u>Fee Paid (\$)</u>		
HP = highest number of total claims paid for, if greater than 20.		
<u>Indep. Claims</u>		
<u>Extra Claims</u>		
<u>Fee (\$)</u>		
<u>Fee Paid (\$)</u>		
HP = highest number of independent claims paid for, if greater than 3.		

3. APPLICATION SIZE FEE

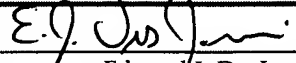
If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 27 CFR 1.16(s).

Total Sheets - 100 Extra Sheets /50 = Number of each additional 50 or fraction thereof (\$) Fee Paid (\$)
 Round up to a whole number) x =

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount) Fees Paid (\$)
 Other (e.g., late filing surcharge): 130.00
 Other : _____
 Other : _____
 Other : _____
 Other : _____
 Other : _____
 Other : _____

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	51,162	Telephone	510-769-3502
Name (Print/Type)	Edward J. Desjardins, Ph.D.			Date	June 22, 2006

I hereby certify that this correspondence is being deposited with the United States Postal Service via Express Mail No. EV 264209295 US in an envelope Addressed to: Mail Stop PCT, Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450, on June 22, 2006

QUINE INTELLECTUAL PROPERTY LAW GROUP P.C.

By 
Deborah Berwick

Attorney Docket No. 54A-000510US
TSRI Ref. No. 1002.1US / AMB0100P
Ambrx Ref. No. 0072.00US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

J. Christopher Anderson et al.

Application No.: 10/563,656

Filed: January 5, 2006

For: **COMPOSITIONS OF ORTHOGONAL
GLUTAMYL-TRNA AND AMINOACYL-
TRNA SYNTHETASE PAIRS AND USES
THEREOF**

Confirmation Number: 3238

Examiner: Unassigned

Art Unit: Unassigned

TRANSMITTAL LETTER - RESPONSE
TO NOTIFICATION OF MISSING
REQUIREMENTS UNDER 35 U.S.C 371

MAIL STOP MISSING PARTS
COMMISSIONER FOR PATENTS
P.O. BOX 1450, ALEXANDRIA, VA 22313-1450

Sir:

Pursuant to the "Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US)" dated May 11, 2006, enclosed are the following to be made of record in the above-identified application:

- 1) Executed Declaration
- 2) Power of Attorney and Certificate of Assignee Under 37 C.F.R. § 3.73(b)
(+ copy of Assignment - not for recordation)
- 3) Copy of Notification of Missing Requirements
- 4) Fee transmittal sheet
- 5) Transmittal Sheet
- 6) Receipt indication postcard

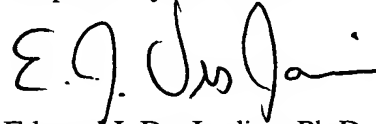
Please charge Deposit Account No. 50-0893 for the following fees:

Missing Parts Surcharge \$ 130.00

TOTAL FEES TO BE CHARGED \$ 130.00

The Commissioner is hereby authorized to charge any additional fees associated with this paper or during the pendency of this application, or credit any overpayment, to Deposit Account No. 50-0893.

Respectfully submitted,



Edward J. DesJardins, Ph.D.
Reg. No. 51,162

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.
P.O. BOX 458
Alameda, CA 94501
(510) 337-7871
Fax (510) 337-7877

EJD:db

EJD



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/563,656	J. Christopher Anderson	54-000510US

INTERNATIONAL APPLICATION NO.

PCT/US04/21813

I.A. FILING DATE

PRIORITY DATE

07/07/2004

07/07/2003

22798

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

P O BOX 458

ALAMEDA, CA 94501

RECEIVED

MAY 16 2006

CONFIRMATION NO. 3238

371 FORMALITIES LETTER



OC000000018750813

Date Mailed: 05/11/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/05/2006
- Copy of the International Search Report filed on 01/05/2006
- Copy of IPE Report filed on 01/05/2006
- Preliminary Amendments filed on 01/05/2006
- Biochemical Sequence Diskette filed on 01/05/2006
- Oath or Declaration filed on 01/05/2006
- Biochemical Sequence Listing filed on 01/05/2006
- U.S. Basic National Fees filed on 01/05/2006
- Priority Documents filed on 01/05/2006
- Specification filed on 01/05/2006
- Claims filed on 01/05/2006
- Abstracts filed on 01/05/2006
- Drawings filed on 01/05/2006

RESPONSE DUE 7-11-06

DOCKETED

JMS 5-16-06

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

SHAKEEL AHMED

Telephone: (703) 308-9140 EXT 208

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/563,656	PCT/US04/21813	54-000510US